ANNEXURE-1

Terms of Reference

1. Background:

The B.B.M.P has taken up **"Project Management Consultancy services for Development of Doddabommasandra lake phase-2"**.. The cost of the project is approximately Rs 500.00 Lakhs.

2. A concise statement of the objectives of the assignment:

The objective of the work is to implement restoration of Lake by Desilting, embankment, Revettment, Idol immersion tank, electrification and other allied civil works.

The Consultant's services shall consist of Supervision of construction works and project management.

3. Outline of the tasks to be performed

a. Review Contractor's Implementation Plan and achieves the required progress and completes the work within the stipulated period of **300 days.**
b. Checking Design, Drawings, and Specifications of the work and providing construction drawings / alternative designs, drawings and estimates.
c. Delineating the drawing on the field by giving line out,
d. Checking quality and quantity of work executed & certification of work for payment.

4. Schedule for the completion of the tasks

The project duration is 300 days including monsoon.

5. Data, services and facilities to be provided by the Client.

Any data available in BBMP regarding the above work will be shared with the Consultant.

6. Final outputs (i.e., Reports, drawings, etc.,) that will be required by the Consultant.

a. Conducting Pre Survey & Post Survey of Tank bed & Embankment
b. Computing & documenting the desilted quantity with Certification.
c. Review and Certify third party quality inspection report.
d. Certification of contractor's work.
e. Submission of Monthly Physical and Financial progress report.
f. Settlement of Contractor's works final bill.

Executive Engineer
Lakes, BBMP

For Alcon Consulting Engineers (India) Pvt. Ltd.
Managing Director

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g. Preparing and providing as-built drawings.

7. Payment Schedule

During the course of construction of work at site till ten Months	80% of the total fee will be paid on prorate basis in consistent with the value of work executed & bill paid to the contractor.
On revised costs of entire project and completion of the work in all respect to the satisfaction of the client and certified by engineers in charge & after submission of Final Report.	Balance 20% of Total Fee (to be paid within three months of completion of work)

8. Composition of the Review Committee and review procedure to monitor Consultant's work

a) Chair man - Chief Engineer, (Lakes)
b) Member (Technical) - Executive Engineer -2, (Lakes)
c) Member (Finance) - Accounts Superintendent, (Lakes)

9. List of Key Position, whose CV and experience would be evaluated

a) Team leader - Over all in charge.
b) Civil Engineer for each Field work & Documentation - 1No
c) Quantity Surveyor - 1No

FOR AND ON BEHALF OF
BRUHAT BANGALORE MAHANAGARA PALIKE

Signed by:

Designation and Address
Executive Engineer-2
Lakes
Bruhat Bangalore Mahanagara Palike
3rd Floor , New Annex Building-3,
N.R.Square, Bangalore -560002

Date: 1/7/2016
Place: Bangalore

FOR AND ON BEHALF OF
M/s ALCON Consulting Engineers Pvt

Signed by:
For Alcon Consulting Engineers (India) Pvt. Ltd
Managing Director

Name and Address
M/s ALCON Consulting Engineers Pvt LTD
8/65, 1st floor, 4th block,
Rajajinagara,
Opp MEI Polytechnic college,
Bangalore- 560010.

Date: 1/7/2016
Place: Bangalore

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Attachment "A"

Description of Services

1. Outline of the tasks to be performed

a. Review Contractor's Implementation Plan and achieves the required progress and completes the work within the stipulated period of **300 days.**
b. Checking Design, Drawings, and Specifications of the work and providing construction drawings / alternative designs, drawings and estimates.
c. Delineating the drawing on the field by giving line out,
d. Checking quality and quantity of work executed & certification of work for payment.

2. Services and Facilities to be provided by the client

A copy of the DPR will be provided to the consultant.

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Lakes
Bruhat Bangalore Mahanagara Palike
3rd Floor , New Annex Building-3,
N.R.Square, Bangalore -560002

Date: 1/7/2016
Place: Bangalore

FOR AND ON BEHALF OF
M/s ALCON Consulting Engineers Pvt
PVT LTD

For Alcon Consulting Engineers (India) Pvt. Ltd.

Signed by:

Managing Director

Name and Address
M/s ALCON Consulting Engineers Pvt
LTD
8/65, 1st floor, 4th block,
Rajajinagara,
Opp MEI Polytechnic college,
Bangalore- 560010.

Date: 1/7/2016
Place: Bangalore

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Attachment "B"

1. **Duties & responsibilities "Consultant Obligations" that will be required of consultant.**

   a. Conducting Pre Survey & Post Survey of Tank bed & Embankment
   b. Computing & documenting the desilted quantity with Certification.
   c. Review and Certify third party quality inspection report.
   d. Certification of contractor's work.
   e. Submission of Monthly Physical and Financial progress report.
   f. Settlement of Contractor's works final bill.
   g. Preparing and providing as-built drawings.

2. **Composition of Review Committee and review procedure to monitor consultants work**

   (a) Chair man - Chief Engineer, (Lakes).

   (b) Member (Technical) - Executive Engineer-2, (Lakes).

   (c) Member (Finance) - Accounts Superintendent, (Lakes).

FOR AND ON BEHALF OF
BRUHAT BANGALORE MAHANAGARA PALIKE

Signed by:

Designation and Address
Executive Engineer-2
Lakes
Bruhat Bangalore Mahanagara Palike
3rd Floor , New Annex Building-3,
N.R.Square, Bangalore -560002

Date: 1/7/2016
Place: Bangalore

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Signed by:

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Managing Director

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Bangalore- 560010.

Date: 1/7/2016
Place: Bangalore

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Attachment "C"

List of key personnel:

Name:	*Position*	*Remarks*
Mr. Mruthyunjaya	Team Leader	Project Consultation
Mr.Madhav M P	Field Engineer	Field work and Supervision
Mr.Basavaraj K	Qnty Surveyor	Quantity Surveyor
Mr.Divakar L	Lab Technician	Soil testing

Payment Schedule:

During the course of construction of work at site till ten Months	80% of the total fee will be paid on prorate basis in consistent with the value of work executed & bill paid to the contractor.
On revised costs of entire project and completion of the work in all respect to the satisfaction of the client and certified by engineers in charge & after submission of Final Report.	Balance 20% of Total Fee (to be paid within three months of completion of work)

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